

MINERALS PROGRAM
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May 3, 1989

TO: Minerals File

FROM: D. Wayne Hedberg *DWH*

RE: Site Inspection, Geneva/BMT Corporation, Iron Mountain Mine, M/021/008, Iron County, Utah

On May 3, 1989, Division staff members, Wayne Hedberg, Holland Shepherd, and Scott Johnson met with Mr. Roy Benson and LaVoy Woolzey at the Iron Mountain Mine site. The purpose of the field inspection was to observe the area of proposed expansion for the ongoing Excellsior and Chesapeake small mining operation.

Additional ore has been encountered as a consequence of some angled drilling at the Chesapeake and Excellsior small mine site. The extraction of the additional ore will require an additional 6-7 acres of surface disturbance. This additional disturbance will be submitted to the Division under an application to revise mining operations. The additional disturbance and the existing disturbance at the Excellsior/Chesapeake mine site should be adequately covered by the existing bond held on the Iron Mountain mine site. The operator will later revise the approved permit for the Iron Mountain mine (M/021/008) to include additional proposed disturbance associated with mining of an ore deposit on their Tip Top properties. This site is immediately northwest of the Chesapeake/Excellsior small mining operation.

We also visited the operator's proposed iron fines washing area which is within the vicinity of the current Iron Mountain ore crushing and loadout facilities. The iron fines stockpiles are situated adjacent to the pre-law Blackhawk and Blowout mine pits. The operator indicated that this proposal, in particular, had been previously submitted to the Division and approved during 1986. Some minor revisions to the approved proposal were discussed during our site visit. The operator proposes to utilize water from the Blackhawk pit to wash the clay and silt portions from the stockpiled iron ore fines. The sediment fraction will be removed in a series of excavated settling impoundments before discharging the waters into the Blowout pit. Mr. Benson indicated that the current stockpiled fines, is comprised of approximately 40% clay/silt and 60% iron fines. The iron fines will be removed via a wet magnetic separation process.

jb
cc: Lowell Braxton
Minerals Team
MN2/82

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